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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/584,225	07/13/2007	Daichang Yang	023231-00033	9090
4372 ARENT FOX	7590 02/04/2008		EXAMINER	
1050 CONNECTICUT AVENUE, N.W. SUITE 400 WASHINGTON, DC 20036			WORLEY, CATHY KINGDON	
			ART UNIT	PAPER NUMBER
			1638	
		·	<u> </u>	
			NOTIFICATION DATE	DELIVERY MODE
			02/04/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DCIPDocket@arentfox.com IPMatters@arentfox.com Patent_Mail@arentfox.com

	Application No.	Applicant(s)	
	10/584,225	YANG ET AL.	
Office Action Summary	Examiner	Art Unit	
	Cathy K. Worley	1638	
The MAILING DATE of this communication appeared for Reply	ppears on the cover sheet w	th the correspondence addr	ess
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perior - Failure to reply within the set or extended period for reply will, by statu. Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNI: 1.136(a). In no event, however, may a did will apply and will expire SIX (6) MONute, cause the application to become Al	CATION. reply be timely filed ITHS from the mailing date of this common	
Status			
Since this application is in condition for allow closed in accordance with the practice under Disposition of Claims	nis action is non-final. vance except for formal mat Ex parte Quayle, 1935 C.E		nerits is
4) Claim(s) 1-13 is/are pending in the application 4a) Of the above claim(s) is/are withdr 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-13 are subject to restriction and/o	awn from consideration.		
Application Papers			
9) The specification is objected to by the Examir 10) The drawing(s) filed on is/are: a) according to the description and applicant may not request that any objection to the Replacement drawing sheet(s) including the correct of the latest angle of the latest according to the latest acco	ccepted or b) objected to ne drawing(s) be held in abeya ection is required if the drawing	nce. See 37 CFR 1.85(a). (s) is objected to. See 37 CFR	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority application from the International Bure * See the attached detailed Office action for a list	nts have been received. Ints have been received in Ailiority documents have been eau (PCT Rule 17.2(a)).	Application No received in this National S	tage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) s)/Mail Date Informal Patent Application 	

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DETAILED ACTION

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Groups I-III, claim(s) 10 (in part), drawn to a method of producing seeds that accumulate a heterologous protein, said method using a specified promoter; wherein the specified promoter for groups I-III is the promoter from the wheat purindoline b protein gene (for group I), the promoter from the protein disulfide isomerase gene (for group II), and the Promoter from the heat shock 70 protein gene (for group III), respectively.

CLAIMS 1-9 AND 11 LINK THE INVENTIONS OF GROUPS I-III

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Group IV, claim(s) 12, drawn to a method of producing seeds of a monocot that accumulate heterologous proteins in at least two different intracellular regions.

Group V, claim(s) 13, drawn to a method of producing seeds of a monocot that accumulate a heterologous protein wherein the monocot is a hybrid plant produced by crossing two separate transformed plants.

2. The inventions listed as Groups I-V do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

The technical feature linking groups I-V is a method of producing seeds of a monocot plant that accumulate a heterologous protein; wherein the protein is expressed as a fusion protein comprising a seed-specific signal peptide. Lemaux et al (WO 99/16890, published on April 8, 1999) teach a method of producing a heterologous protein in a plant utilizing signal peptides from the barley hordein seed protein (see entire document). Therefore, the technical feature linking the inventions of groups I-V does not constitute a special technical feature as defined by PCT Rule 13.2 as it does not define a contribution over the prior art.

Accordingly, Groups I-V are not so linked by the same or a corresponding special technical feature as to form a single general inventive concept.

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- 3. Claims 1-9 and 11 link the inventions of groups I-III. The restriction requirement between the linked inventions is subject to the nonallowance of the linking claims, claims 1-9 and 11. Upon the allowance of the linking claims, the restriction requirement as to the linked inventions shall be withdrawn and any claims depending from or otherwise including all the limitations of the allowable linking claims will be entitled to examination in the instant application. Applicants are advised that if any such claims depending from or including all the limitations of the allowable linking claims are presented in a continuation or divisional application, the claims of the continuation or divisional application may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant applications. Where a restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. In re Ziegler, 44 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP 804.01.
- 4. Applicant is advised that the reply to this requirement to be complete must include (i) an election of an invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply

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does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cathy K. Worley whose telephone number is (571) 272-8784. The examiner can normally be reached on M-F 10:00 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anne Marie Grunberg can be reached on (571) 272-0975.

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The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Patent Examiner

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CKW